

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended): An electro-optical ~~Electronic~~ component having a plastic housing that includes at least one metallic soldering area, characterized in that the surface of the plastic housing, except for the metallic soldering area, is at least partially covered by an anti-solder coating that prevents solder adherence to the coating.
2. (Currently Amended): An electro-optical ~~Electronic~~ component as in Claim 1 or 28 or 29 or 30 or 31, characterized in that the anti-solder coating ~~essentially~~ consists essentially of a siloxane.
3. (Currently Amended): An electro-optical ~~Electronic~~ component as in Claim ~~[[1]]~~ 2, characterized in that the anti-solder coating ~~essentially~~ consists essentially of a polysiloxane.
4. (Currently Amended): An electro-optical ~~Electronic~~ component as in Claim 3 ~~1 or 28 or 29 or 30 or 31~~, characterized in that the anti-solder coating ~~is essentially based on~~ consists essentially of a methyl-polysiloxane.
5. (Currently Amended): An electro-optical ~~Electronic~~ component as in Claim 4 ~~1 or 28 or 29 or 30 or 31~~, characterized in that the anti-solder coating ~~is essentially based on~~ consists essentially of a dimethyl-polysiloxane.

6. (Currently Amended): An electro-optical ~~Electronic~~ component as in Claim 5 ~~1 or 28 or 29 or 30 or 31~~, characterized in that the anti-solder coating ~~is essentially based on~~ consists essentially of a polyether-modified dimethyl-polysiloxane.

7. (Currently Amended): An electro-optical ~~Electronic~~ component as in claim 1, characterized in that the plastic housing contains a radiation-emitting and/or radiation-detecting semi-conductor element that is embedded in transparent plastic for the emitted and/or received radiation.

Claims 8-26 (Cancelled)

27. (Currently Amended): An electro-optical ~~Electronic~~ component as in claim 1 wherein said component is a surface-mountable radiation-emitting and/or radiation-sensitive electro-optical component.

28. (Currently Amended): An electro-optical ~~Electronic~~ component having a plastic housing that includes at least one metallic soldering area, characterized in that the surface of the plastic housing, except for the metallic soldering area, is at least partially covered by an anti-solder coating, wherein said component is an unsoldered component, said anti-solder coating preventing solder adherence to the coating.

29. (Currently Amended): An electro-optical ~~Electronic~~ component having a plastic housing that includes at least one metallic soldering area, characterized in that the surface of the plastic housing, except for the metallic soldering area, is at least partially covered by an anti-solder coating prior to soldering of said component at said soldering area, said anti-solder coating preventing solder adherence to the coating.